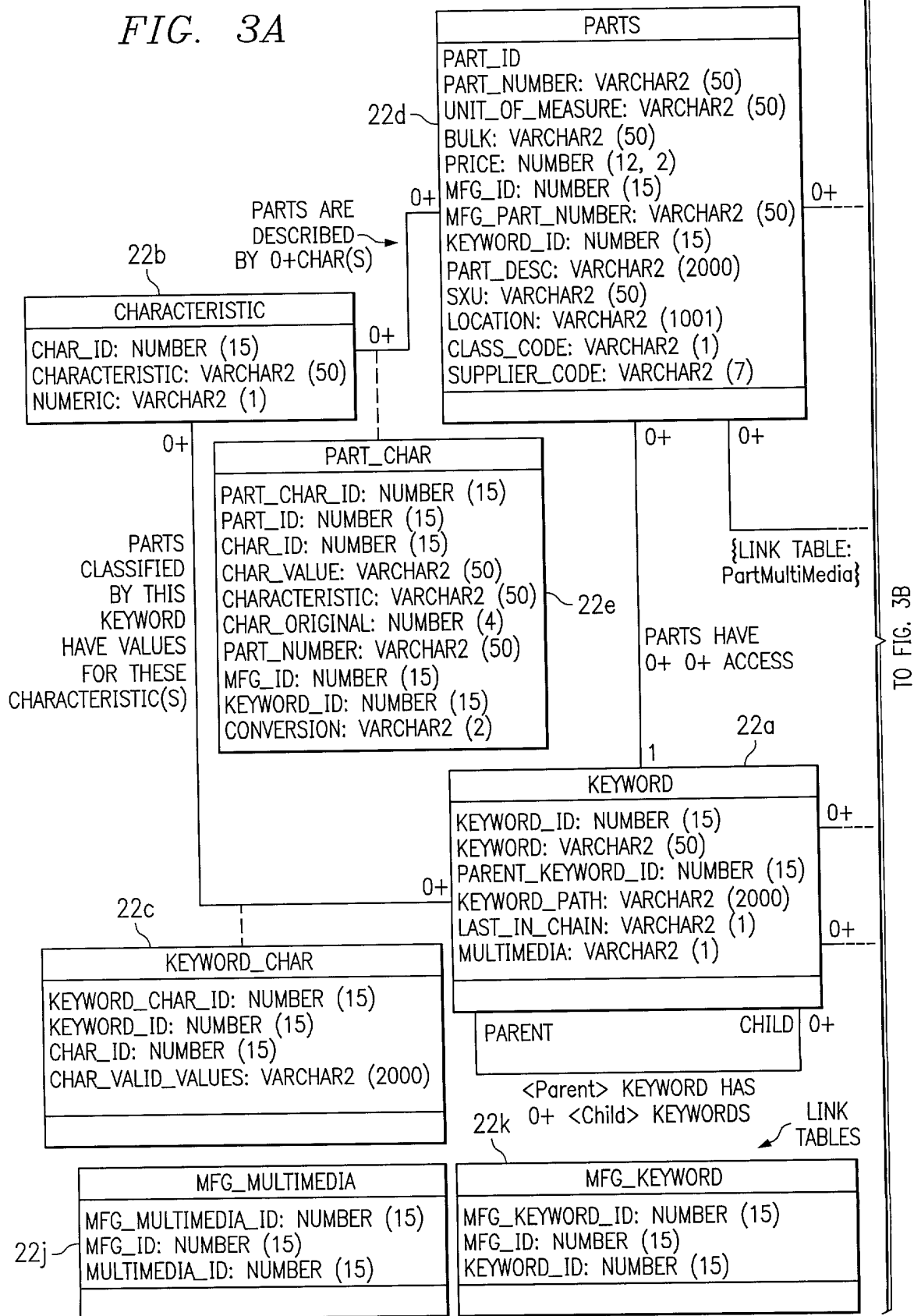


FIG. 3A



TO FIG. 3B

FIG. 3B

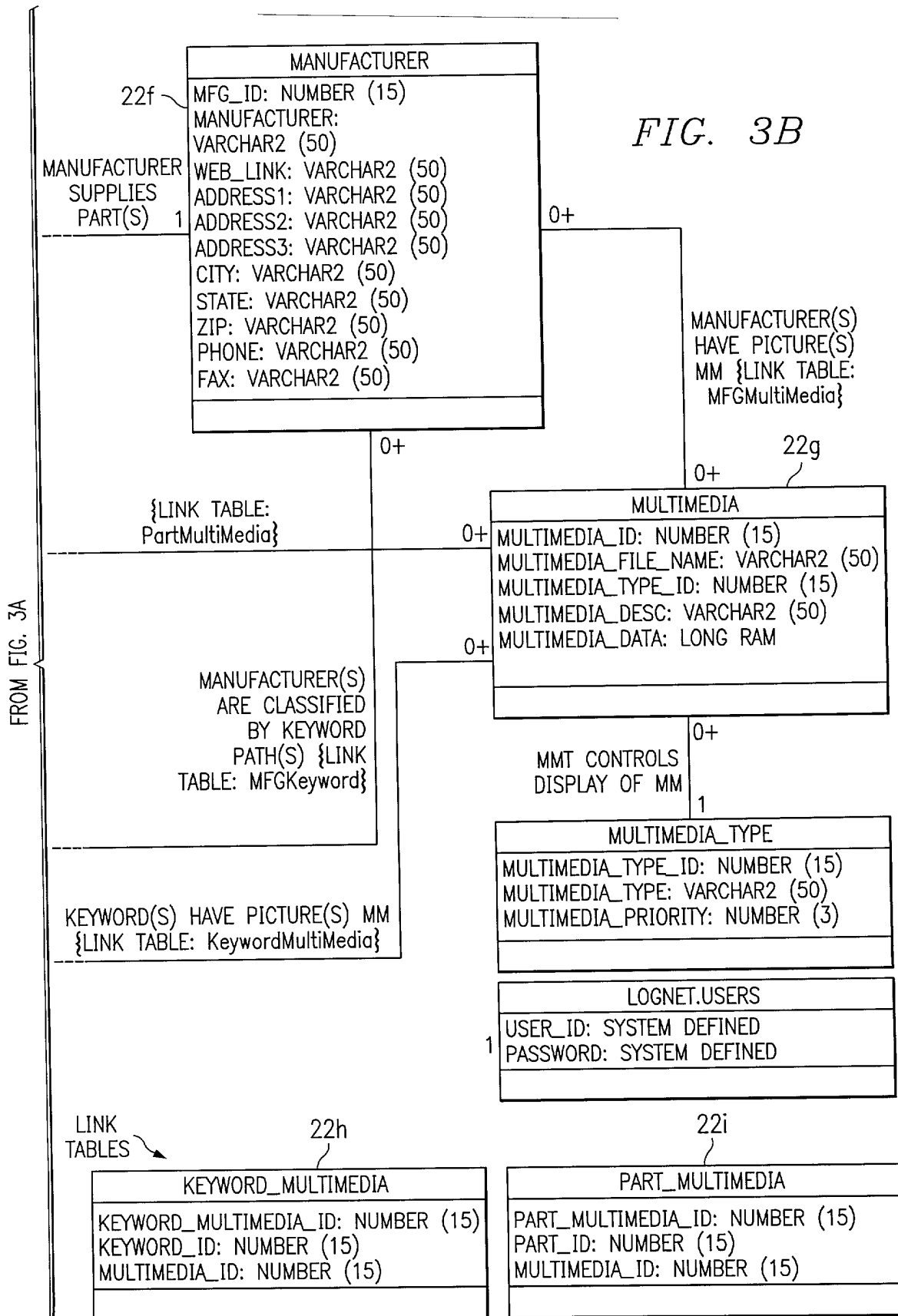


FIG. 3C

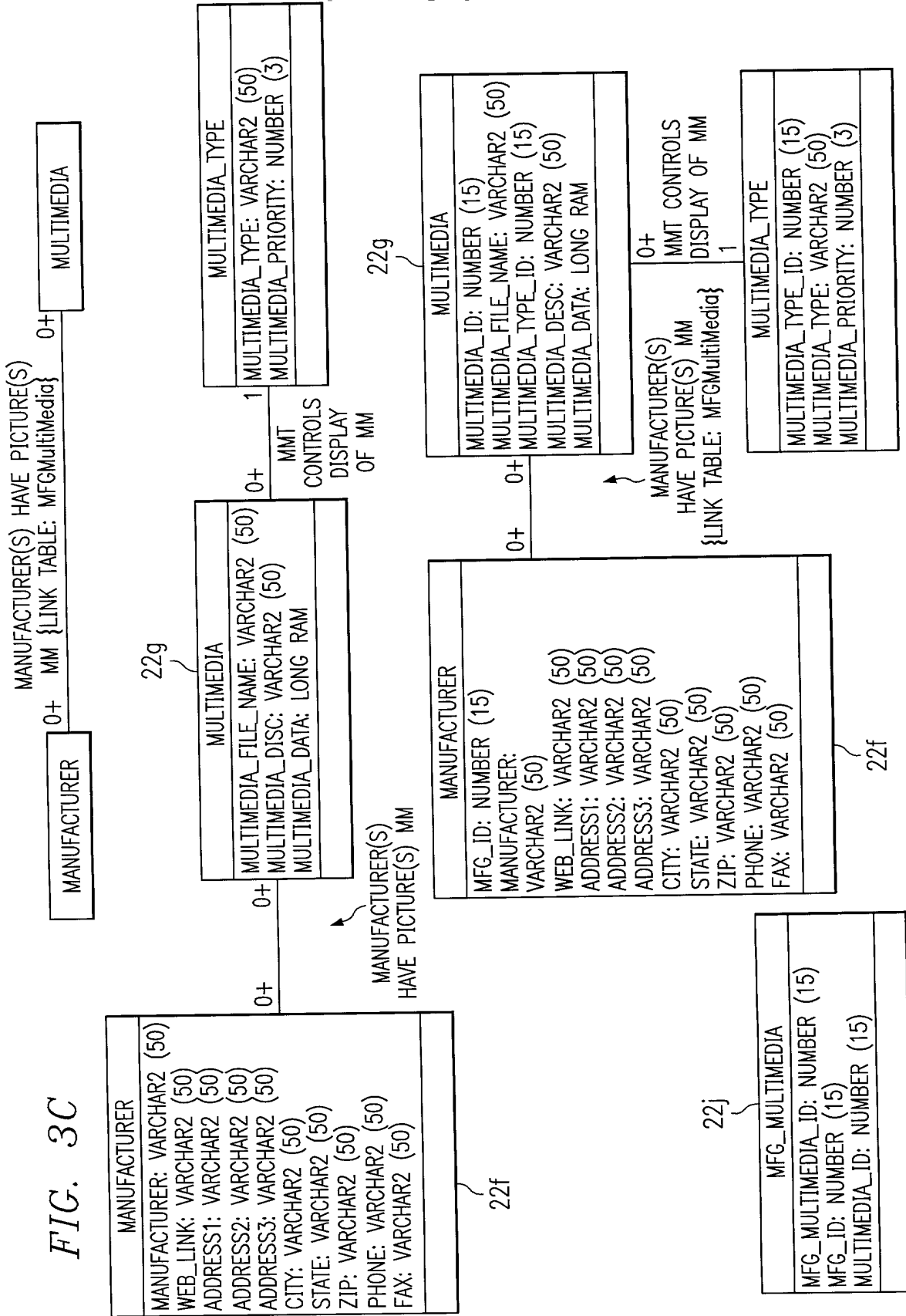


Fig. 4A

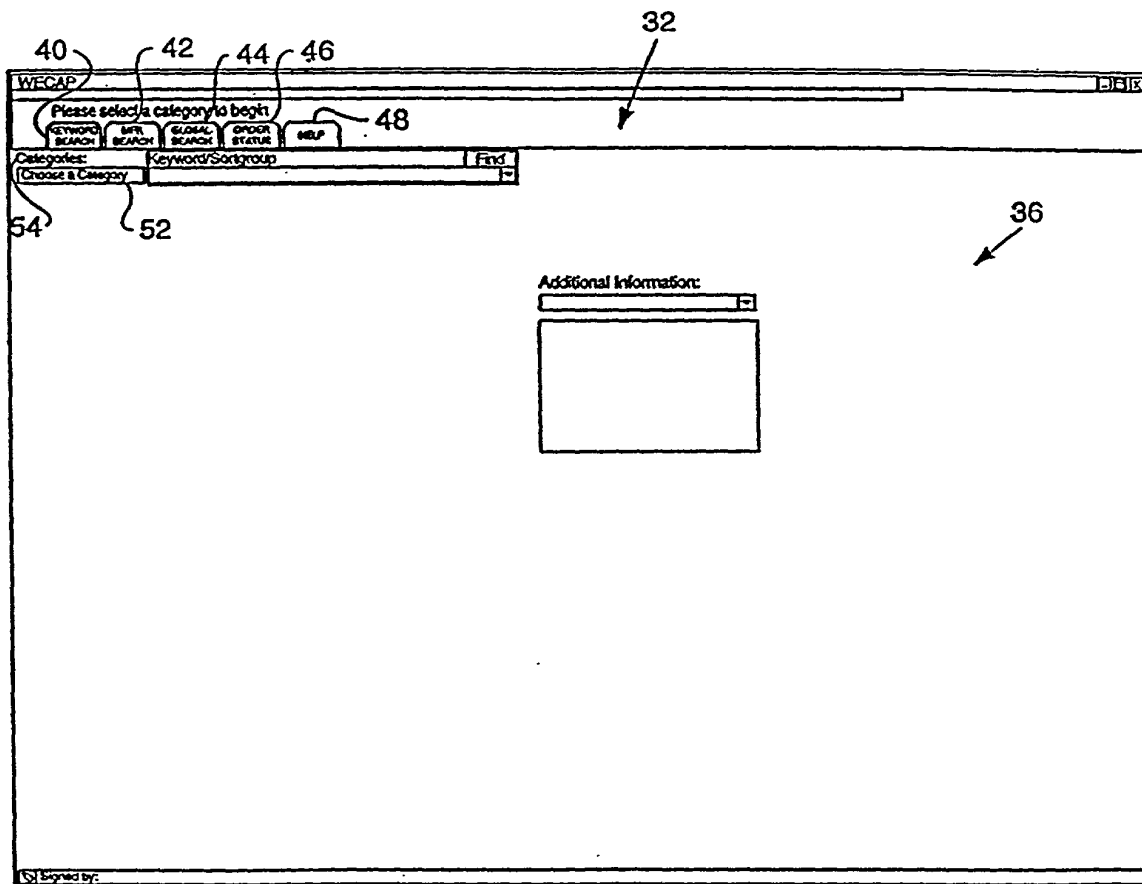


Fig. 4B

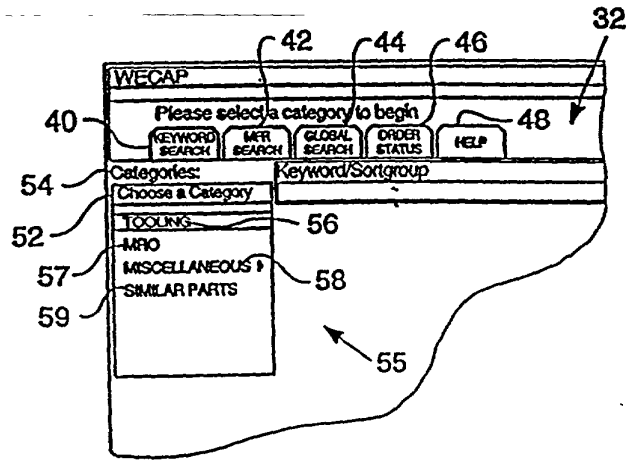
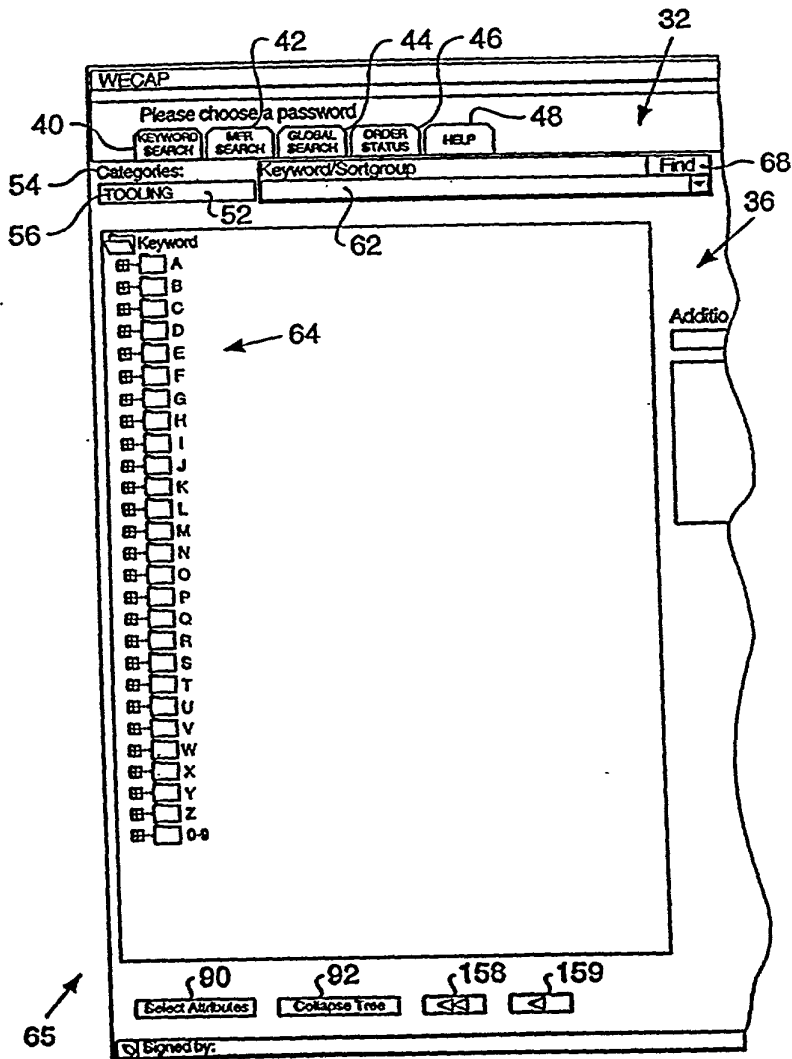


Fig. 5A



2008T01-2425001

Fig. 5B

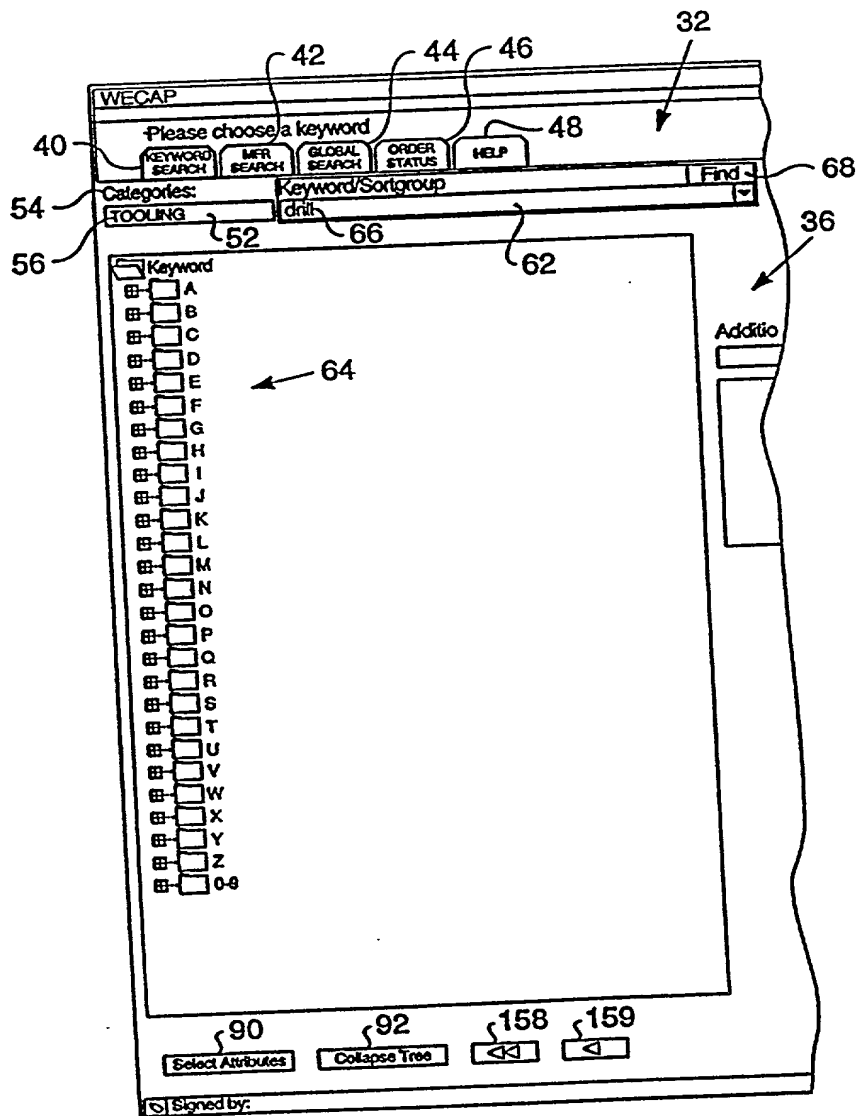


Fig. 5C

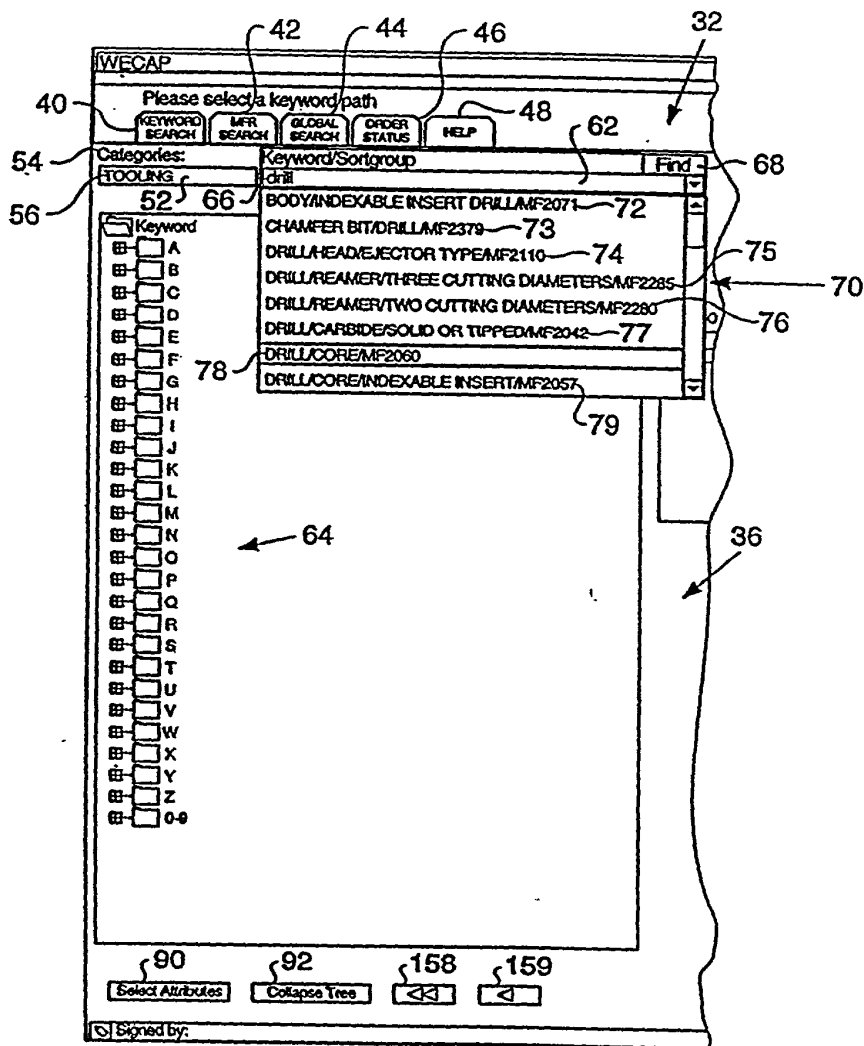




Fig. 5D

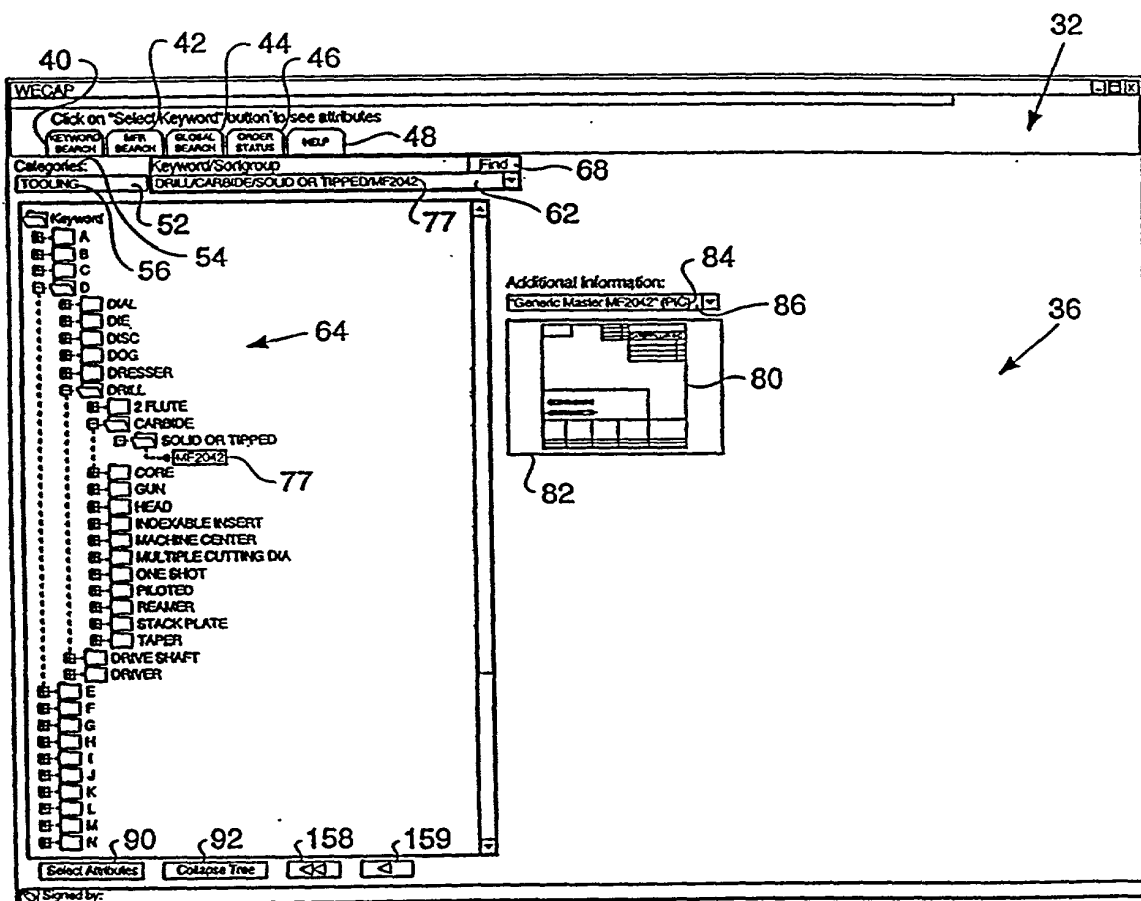


Fig. 6A

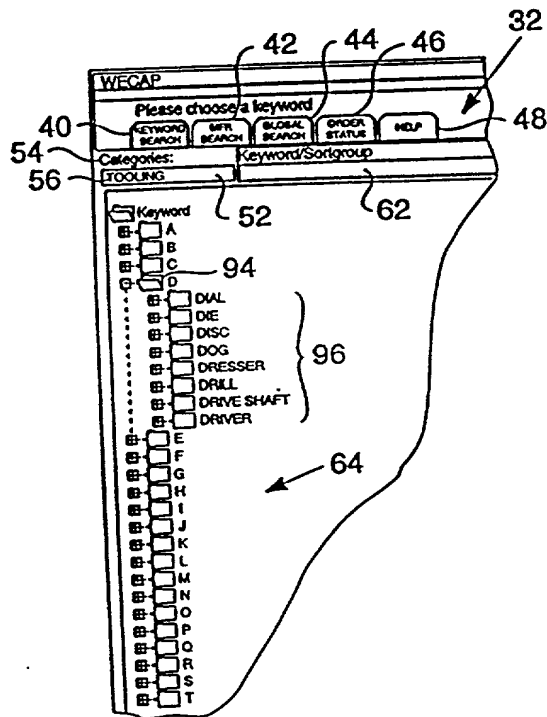


Fig. 6B

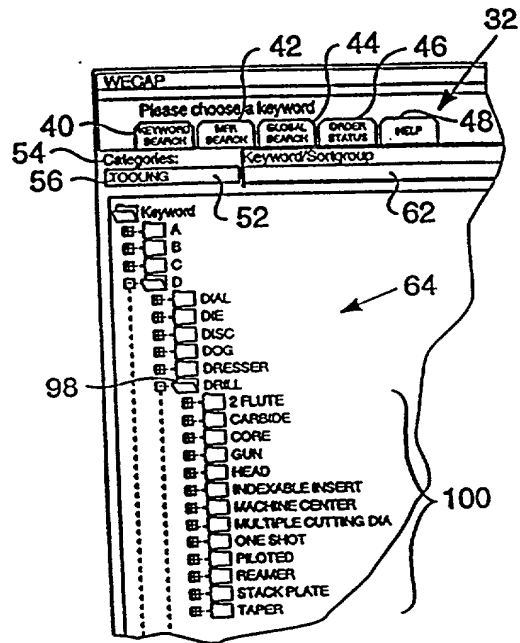


Fig. 6C

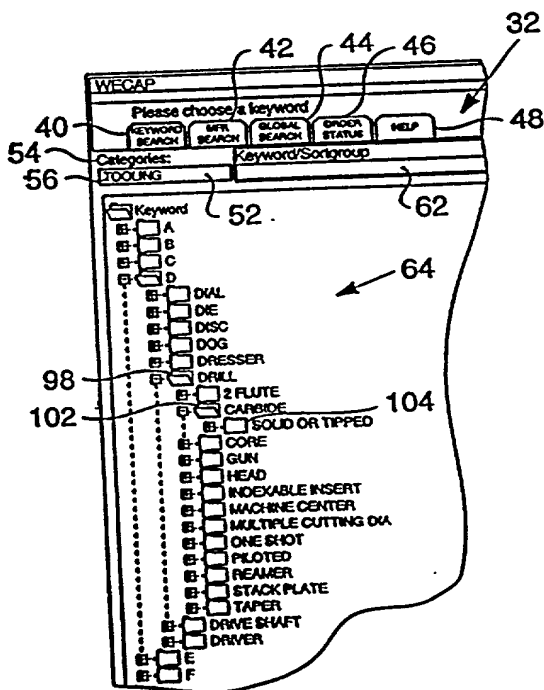


Fig. 6D

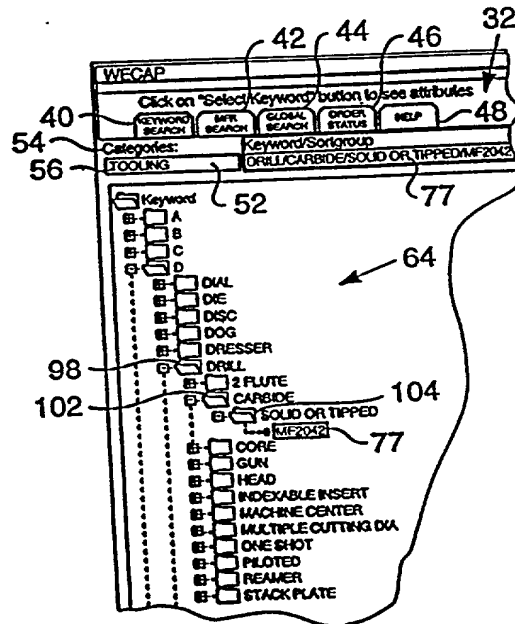


Fig. 7

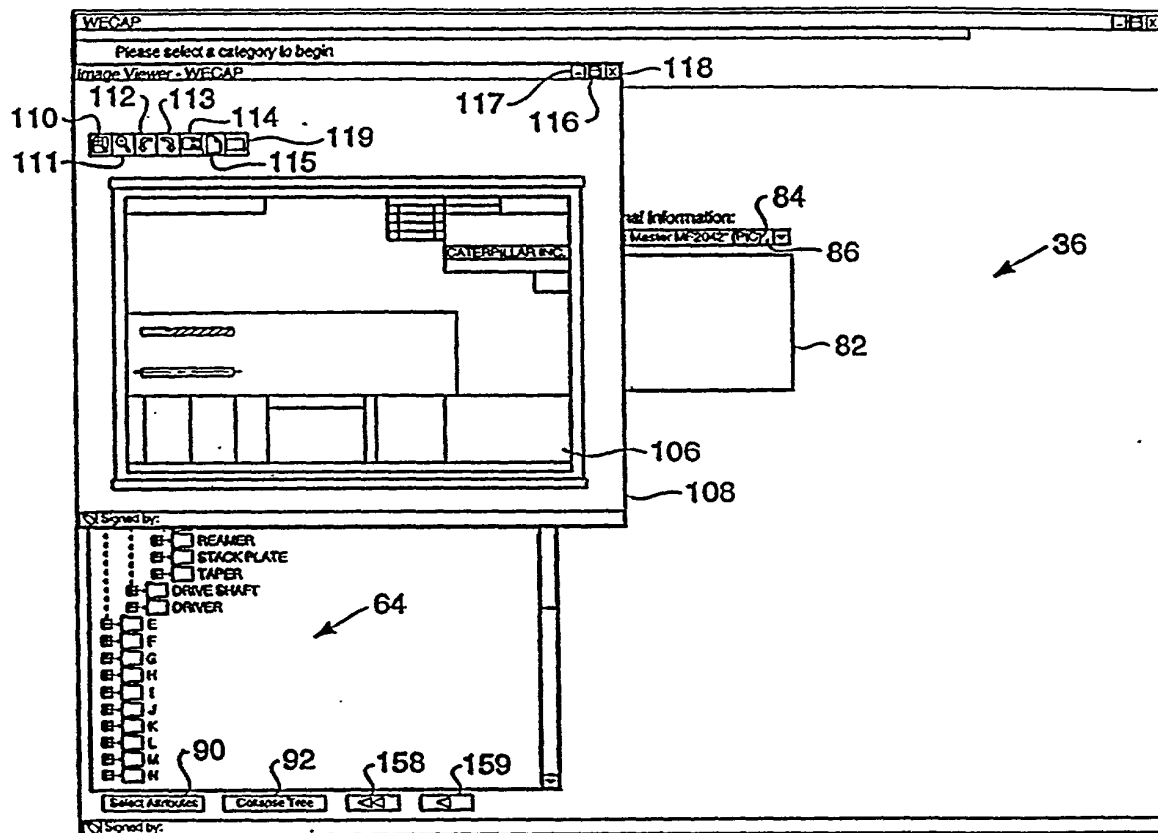


Fig. 8A

The interface is a graphical user interface for a database search system. It features a title bar (32) with the text 'WECA'. Below the title bar is a menu bar (40) with options: '17 attribute(s) found', 'KEYWORD SEARCH', 'BROWSE SEARCH', 'ORDER STATUS', and 'HELP'. A toolbar (42, 44, 46) is located below the menu bar. The main search area (36) contains a list of attributes (52) and a table with columns for 'Equal to', 'Minimum', and 'Maximum'. The attributes listed are: SHAPE, CUTTING DIA-A, OVERALL LENGTH-B, FLUTE LENGTH-C, SHANK DIAMETER-D, SPIR REDUCED LGTH-E, POINT STYLE, POINT ANGLE-F, MARGIN, OIL HOLE, MATERIAL TYPE, MATERIAL GRADE, PT GRINDING ANG-G, PT GRIND LGTH-H, PT GRIND PT LGTH-I, CITY FLUTES, and SURFACE TREAT. The table has columns for 'Equal to', 'Minimum', and 'Maximum'. The bottom section includes a 'Facility' dropdown (138), a 'City' dropdown (148), and a 'Search' button (142). Other buttons include 'Clear All' (150), 'Clear Filter' (152), and 'Clear' (158). A 'Signed by:' field (154) is also present.

Attributes	Equal to	Minimum	Maximum
SHAPE			
CUTTING DIA-A			
OVERALL LENGTH-B			
FLUTE LENGTH-C			
SHANK DIAMETER-D			
SPIR REDUCED LGTH-E			
POINT STYLE			
POINT ANGLE-F			
MARGIN			
OIL HOLE			
MATERIAL TYPE			
MATERIAL GRADE			
PT GRINDING ANG-G			
PT GRIND LGTH-H			
PT GRIND PT LGTH-I			
CITY FLUTES			
SURFACE TREAT			

Fig. 8B

Fig. 8C

Fig. 8D

Fig. 8E

QTY FLUTES  
SURFACE TREAT

Facility: (ALL) Crib: (ALL)

Search Clear All Clear Row

Signed by:

Fig. 8F

QTY FLUTES  
SURFACE TREAT

Facility: (ALL)  
ADMINISTRATION BUILDING  
AURORA PLANT  
BUILDING AD  
CAT AIRCRAFT DIVISOR PEO AIRPT

Crib: (ALL)

Clear Row

Signed by:

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Fig. 9A

168 40 54 56 52 160

WECAP

Results 1-100 of 398

KEYWORD SEARCH MFR SEARCH GLOBAL SEARCH ORDER STATUS HELP

Categories: TOOLING

Keyword: DRILL CARBIDE/SOLID OR TIPPER MF2042

32 162 163 164 165 166 167 36

PART NO.	SHAPE	CUTTING DIA.-A	OVERALL LENGTH-B	FLUTE LENGTH-C	SHANK DIAMETER-D	SHK REDUCED LGH-E	POINT
0020420411	1.0000	1.2000	30.0000	13.0000	1.5000		
0020378942	1.0000	1.2000	38.1000	19.1000	1.2000		
0020420284	1.0000	1.3400	49.0000	4.0000	3.1800		
0020420415	1.0000	1.4000	50.8000	15.0000	1.4000		1.00
0020384374	1.0000	1.4200	50.8000	25.4000	1.4200		1.00
0020376682	1.0000	1.6000	38.2000	19.1000	1.6000		1.00
0020420271	1.0000	1.6990	38.1000	9.7000	3.1700		1.00
0020420147	1.0000	1.7000	43.0000	20.0000	1.7000		1.00
0020420266	1.0000	1.7000	39.9000	11.9000	1.7000		1.00
0020420536	1.0000	10.0000	101.6000	47.6000	10.0000		
0020420442	1.0000	10.0000	114.3000	73.0000	10.0000		
0020420446	1.0000	10.0000	114.3000	73.0000	10.0000		
0020420321	1.0000	10.0000	136.0000	80.0000	10.0000	1.0000	1.00
0020373832	1.0000	10.0000	75.0000	38.0000	10.0000		1.00
0020382362	1.0000	10.0000	90.5000	43.5000	16.0000	40.0000	
0020420412	1.0000	10.3000	139.5000	75.6000	12.0000		
0020420462	1.0000	10.3200	112.0000	66.0000	10.3200		
0020420222	1.0000	10.3200	128.0000	78.0000	15.8750	40.0000	
0020420257	1.0000	10.5000	108.4000	61.4000	16.0000		
0020420444	1.0000	10.5000	114.3000	73.0000	10.5000		
0020420527	1.0000	10.5000	118.0000	71.0000	12.0000		
0020363318	1.0000	10.5000	140.0000	80.0000	16.0000		1.00
0020420158	1.0000	10.5000	140.0000	80.0000	16.0000		1.00
0020420122	1.0000	10.5000	149.0000	84.0000	11.0000		1.00
0020420195	1.0000	10.5000	152.0000	76.0000	10.5000		1.00
0020420068	1.0000	10.5000	184.0000	117.0000	10.5000		1.00
0020420357	1.0000	10.5000	85.7000	50.8000	10.5000		2.00

170 View Results 172 Ladder Sort Order 174 Units 176

Details Attributes Prev 100 Next 100 Reset Modify

208 212 180 178 196 182

Default Metric English

158 159

Signed by:

Figure 1 is a screenshot of a software interface, likely a CAD or CAM application, showing a 'Sort Order' dialog box. The dialog box is titled 'Sort Order' and contains two main sections: 'Current sort order:' and 'New sort order:'. The 'Current sort order:' section lists various attributes for sorting, including SHAPE, CUTTING DIA-A, OVER ALL LENGTH-B, FLUTE LENGTH-C, SHANK DIAMETER-D, SHK REDUCED LGTH-E, POINT STYLE, POINT ANGLE-F, MARGIN, OIL HOLE, MATERIAL TYPE, MATERIAL GRADE, PT GRD INC ANG-G, PT GRD LGTH-H, PT GRD RT LGTH-J, QTY FLUTES, and SURFACE TREAT. The 'New sort order:' section is empty. Below these sections are checkboxes for 'Sort by Part Number' and 'Signed by:'. The 'Signed by:' section has a table with columns for 'Signed by:', '1.0000', '10.5000', '140.0000', '80.0000', and '16.0000'. The table contains several rows of data. The dialog box has 'OK' and 'Cancel' buttons. The background shows a 'WECAP' window with a list of results and a 'Tooling' window with a list of tooling items.



Fig. 9C

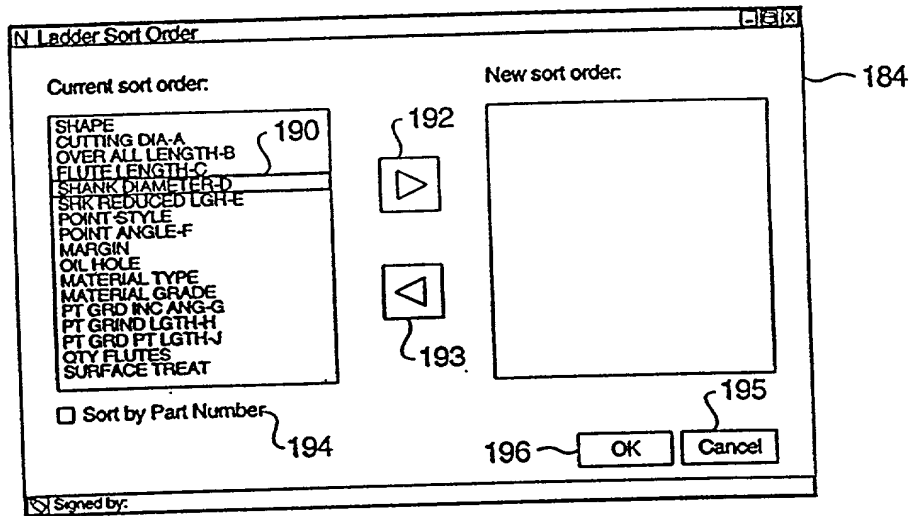
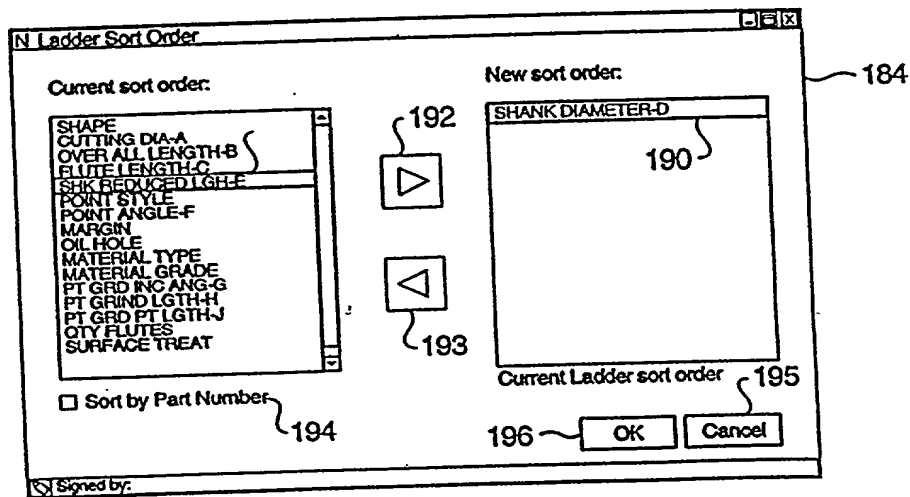


Fig. 9D



020431.0834

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Fig. 9E

168 40 54 56 52

42 44 46 32 36

WECAP Results 1-100 of 398

KEYWORD SEARCH MPX SEARCH GLOBAL SEARCH DRUG STATUS HELP 48

Categories: Keyword: DRILL CARBIDE/SOLID OR TIPPED DMF2042

PART NO.	SHANK DIAMETER (D)	SHAPE	CUTTING DIA-A	OVERALL LENGTH-B	FLUTE LENGTH-C	SHK REDUCED LGTH-E	POINT
0020378942	1.2000	1.0000	1.2000	28.1000	12.1000		1.00
0020420415	1.4000	1.0000	1.4000	50.8000	15.0000		1.00
0020384374	1.4000	1.0000	1.4000	50.8000	25.4000		1.00
0020420411	1.5000	1.0000	1.5000	30.0000	13.0000		1.00
0020376582	1.5000	1.0000	1.5000	38.2000	19.1000		1.00
0020420147	1.7000	1.0000	1.7000	43.0000	20.0000		1.00
0020420266	1.7000	1.0000	1.7000	39.8000	11.9000		1.00
0020420336	10.0000	1.0000	10.0000	101.6000	47.6000		1.00
0020420442	10.0000	1.0000	10.0000	114.3000	73.0000		1.00
0020420448	10.0000	1.0000	10.0000	114.3000	73.0000		1.00
0020420321	10.0000	1.0000	10.0000	136.0000	80.0000	1.0000	1.00
0020373832	10.0000	1.0000	10.0000	75.0000	38.0000		1.00
0020420402	10.0000	1.0000	8.2000	101.8000	47.8000	40.0000	1.00
0020420532	10.0000	1.0000	8.7000	10.3000	61.0000		1.00
0020420531	10.0000	1.0000	8.0000	103.0000	61.0000	40.0000	1.00
0020420287	10.0000	1.0000	9.2000	136.0000	80.0000		1.00
0020420114	10.0000	1.0000	9.5000	135.0000	76.0000		1.00
0020420126	10.0000	1.0000	9.6000	145.0000	80.0000		1.00
0020420547	10.0000	1.0000	9.7000	151.0000	109.0000		1.00
0020420417	10.0000	1.0000	8.1000	102.0000	62.0000		1.00
0020385155	10.0000	1.0000	8.7000	102.0000	56.0000		1.00
0020780101	10.3120	2.0000	11.1130	139.7000	76.2000	127.0000	1.00
0020420468	10.3200	1.0000	10.3200	112.0000	66.0000		1.00
0020420444	10.5000	1.0000	10.5000	114.2000	73.0000		1.00
0020420195	10.5000	1.0000	10.5000	152.0000	76.0000		1.00
0020420066	10.5000	1.0000	10.5000	164.0000	117.0000		1.00
0020420357	10.5000	1.0000	10.5000	85.7000	50.8000		1.00

170 172 174 176

Details Attributes Prev 100 Next... Reset Modify...

198 200 202

158 159

Signed by:

204  
206

Menu: Details (208), Attributes (212)

View Results: Prev 100 (180), Last 6 (178)

Ladder Sort Order: Reset (196), Modify... (182)

Units:
 

- ☒ Default (198)
- ☐ Metric (200)
- ☐ English (202)

Navigation: 158, 159

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## Database System Facilitating Textual

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Fig. 9G

PART NO.	OUT DIA.	OVERALL LENGTH	SHANK DIA.	SHANK LENGTH	TIP LENGTH	FLUTE LENGTH	PNT.
0019459262	20.5003	304.0380	22.2250	88.3000	57.2120	214.6300	2.00
0019459292	20.6375	393.7000	25.4000	88.3000	44.4500	232.1000	2.00
0019454812	21.0312	462.8000	26.0873	101.6000	50.8000	274.6500	2.00
0019454872	21.1710	394.8000	25.4000	76.2000	50.8000	215.9000	2.00
0019454002	22.1869	508.0000	25.0949	101.6000	76.2000	374.6500	2.00
0019457302	23.8125	406.4000	25.4000	88.3000	50.8000	292.1000	2.00
0019458042	23.8252	355.8000	26.0949	101.6000	50.8000	247.6500	2.00
0019454802	23.8252	462.8000	26.0949	101.6000	76.2000	349.2500	2.00
0019456282	24.2087	812.8000	25.3896	69.8500	38.1000	730.2500	2.00
0019457722	24.3865	326.0000	21.7500	69.8500	76.2000	361.0000	2.00
0019454342	25.4000	431.8000	26.0949	101.6000	50.8000	317.5000	2.00
0019456132	25.4990	352.5500	25.3949	141.1780	76.2000	211.0740	2.00
0019457922	26.9875	254.0000	25.4000	88.3000	61.2780	138.7000	2.00
0019457312	26.9875	406.4000	25.4000	88.3000	50.8000	292.1000	2.00
0019454862	26.9875	462.8000	26.0949	101.6000	57.1500	355.6000	2.00
0019457742	27.5615	508.0000	21.7500	88.3000	76.2000	361.0000	2.00
0019459287	32.5040	266.7000	26.0949	76.2000	51.1160	190.5000	2.00
0019459315	13.0000	558.8000	19.0470	69.8500	45.2000	462.6000	2.00
0019458962	11.5000	279.4000	25.4000	88.3000	28.4000	177.4000	2.00
0019459272	14.0000	266.7000	25.4000	88.3000	38.1000	165.0000	2.00
0019459252	14.5000	266.7000	25.4000	63.5000	63.5000	190.2000	2.00
0019458502	14.5000	304.8000	25.3950	76.2000	38.1000	215.5000	2.00
0019459246	15.0000	340.0000	25.4000	60.0000	25.4000	267.2000	2.00
0019459247	16.7500	360.0000	25.4000	60.0000	38.4000	311.2000	2.00
0019458812	17.0000	400.0000	25.4000	101.6000	17.5000	279.4000	2.00
0019459222	17.0000	400.0000	25.4000	101.6000	36.3000	285.8000	2.00
0019458232	18.2500	307.4000	22.2250	88.3000	57.2000	218.0000	2.00

170 172 174 176

Details Attributes Prev 100 Last 6 Reset Modify

208 212 180 178 196 182

Unit: 198 200 202

33 4 158 159

36

Fig. 9H

PART NO.	OUT DIA.	OVERALL LENGTH	SHANK DIA.	SHANK LENGTH	TIP LENGTH	FLUTE LENGTH	PNT.
0019459262	20.71	11.9700	8.750	3.5000	2.2800	8.4500	2.00
0019459292	21.25	15.5000	1.0000	3.5000	1.7500	11.5000	2.00
0019454812	22.80	19.0000	1.4992	4.0000	2.0000	14.7500	2.00
0019459312	25.25	17.0000	1.0000	3.0000	2.0000	8.5000	2.00
0019454002	25.25	20.0000	1.4998	4.0000	3.0000	14.7500	2.00
0019457302	25.75	16.0000	1.0000	3.5000	2.0000	11.5000	2.00
0019458042	26.80	14.0000	1.4998	4.0000	2.0000	9.7500	2.00
0019454802	26.80	19.0000	1.4998	4.0000	3.0000	13.7500	2.00
0019456282	26.31	32.0000	9.998	7.7500	1.5000	26.7500	2.00
0019457732	26.51	20.0000	1.2500	3.5000	3.0000	15.0000	2.00
0019454342	27.0000	17.0000	1.4998	4.0000	2.0000	12.5000	2.00
0019456132	28.039	13.8000	9.998	6.5700	2.0000	8.3100	2.00
0019457922	28.625	10.0000	1.0000	3.5000	2.4400	5.5000	2.00
0019457312	28.625	16.0000	1.0000	3.5000	2.0000	11.5000	2.00
0019454862	28.625	19.0000	1.4998	4.0000	2.2500	14.0000	2.00
0019457742	29.851	20.0000	1.2500	3.5000	2.0000	15.0000	2.00
0019459287	32.500	10.5000	1.4998	3.0000	2.0400	7.5000	2.00
0019459315	0.4330	21.9999	0.7498	2.7518	1.7795	19.0000	2.00
0019458962	0.4527	10.9999	0.9999	3.5000	1.1181	7.0000	2.00
0019459272	0.2511	10.4999	0.9999	3.5000	1.5000	6.4999	2.00
0019459252	0.5708	10.4999	0.9999	3.5000	1.5000	7.4999	2.00
0019459202	0.5708	12.0000	0.9998	3.0000	1.5000	8.5000	2.00
0019459246	0.5905	13.3858	0.9999	2.3622	0.9999	10.5186	2.00
0019459247	0.5594	15.3543	0.9999	2.3622	0.9999	12.4881	2.00
0019458812	0.6692	15.7480	0.9999	3.2222	0.6689	10.5222	2.00
0019459222	0.6692	15.7480	0.9999	3.2222	1.4281	11.2519	2.00
0019458232	0.7185	12.1023	0.8750	3.5000	2.2795	8.5426	2.00

170 172 174 176

Details Attributes Prev 100 Last 6 Reset Modify

208 212 180 178 196 182

Unit: 198 200 202

33 4 158 159

36

Fig. 10

WECAP

Item number 1 of 398

KEYWORD SEARCH MFR SEARCH SERIAL SEARCH ORDER STATUS HELP

Categories: TOOLING Keyword: DRILL CARBIDE SOLID DR TIP EDM 2012

Item #: 0020420411 Price: \$1.00 MFR Name: GUEHRING MFR Part #: 4701 Web Link: 224

Description: R SHAPE, 001200 CUTTING DIA, 00300 OVER ALL LENGTH, 00130 FLUTE LENGTH, 001500 SHANK DIAMETER, 0020 SHK REDUCED LENGTH PORT STYLE, 150 POINT ANGLE, 1 MARGIN, NO OL APPVD, GUEHRING 701

Location: (Click location for quantity) CAT INDIRECT MATERIALS PURCH - US FUEL SYSTEMS - 77

Qty: 150 Quantity: 150

Building Code: B

FRSTAR IMAGE (PNG)

1 of 398

Order 230 228 229 158 159

Signed by:

Fig. 11

Employee Name 248  
KIPLINGER

Employee ID 249  
0000039596

Emp Div/Sec 250  
86560

Class/Ident 251  
1 0020420411 252

Facility Code 253  
29

Building Code 254  
B

Crib No. 255  
27

Keyword 256  
DRILL/CARBIDE/SOLID OR TIPPED/MF2040

UM 258  
PC

Description 257  
1 SHAPE, 001200 CUTTING DIA,  
0030;0 OVER ALL LENGTH, 0013;0  
FLUTE LENGTH, 001500 SHANK  
DIAMETER, 000;0 SHK REDUCED LGH,  
0 POINT STYLE, 130 POINT ANGLE,  
1 MARGIN, NO OIL. APPVD: GUHRING  
701

Qty On H: 264  
150

Alloc: 265

Qty Ordered 260  
10

Charge Div/Sec 261  
86560

Expense Acct. 262  
999

Equipment No. 268  
123456789

Order No. 269

Delivery Note 271

Hot Indicator 270

Tool Control 266

Submit 272

Cancel 273

Help 274

Signed by: 246

Fig. 12A

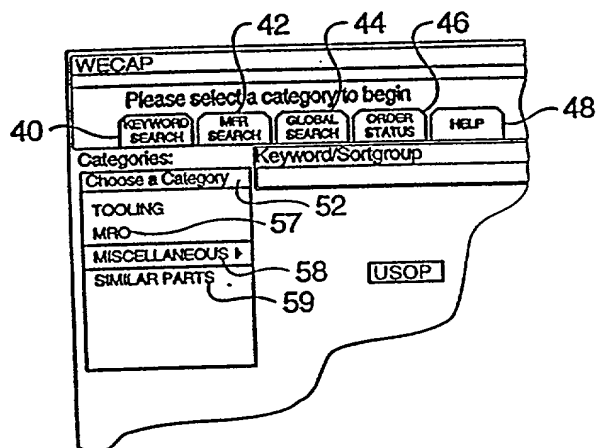


Fig. 12B

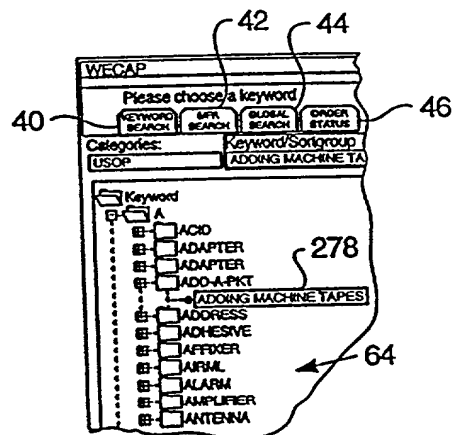
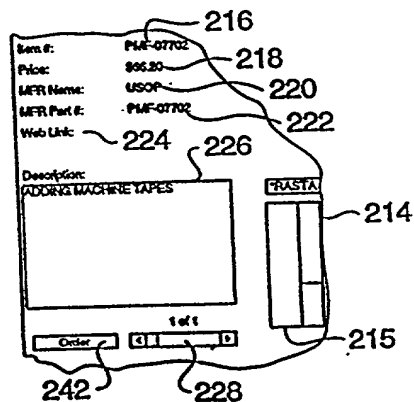


Fig. 12C



REQR NAME		PHONE	DELIVER TO LOCATION		BUY	RCV	PO PREFIX		DOCK NO	DATE	
EXT		FAC	FAC	FAC	PO	RCV	RCV	RCV	RCV	RCV	
KIPLINGER		43397								2000-04-19	
REQR E-MAIL ID		DELIVER TO NAME		PH EXT	DEL TO CODE		SHIP ROUTING		DUE DATE		
									2000-04-20		
NOTE CODES:		REMARKS: (Internal)								REBILL CODE	
U9 400											
U9											
NOTES: (To Supplier)											
DISTRIBUTION		FAC DEPT	DIV	SECT	EXP	ORDER NO.	MISC	TAX CODE	TAX QUAL	<input type="checkbox"/> MANUAL REVIEW	
ACCOUNTING		NT J0594	865	60							
		Fac: Control/Prod Sub Next Sub/Prod Sub									
		Order No. Misc									
ITEM NO.	CATERPILLAR IDENT. NO.	DESCRIPTION				QUANTITY	U/M	PRICE	PER		
01	PMF-07702	ADDING MACHINE TAPES					CTN	66.21			
Submit		Cancel		Charge To		Help					
<input checked="" type="checkbox"/> Signed by:											



[illegible]

<b>REQR NAME</b>		<b>PHONE</b>	<b>BUY RCV</b>			
<b>EXT DELIVER TO LOCATION</b>		<b>FAC FAC</b>	<b>PO PREFIX DOCK NO DATE</b>			
KIPLINGER		43397		UBG		2000-04-19
<b>REQR E-MAIL ID</b>	<b>DELIVER TO NAME</b>	<b>PH EXT</b>	<b>DEL TO CODE</b>	<b>SHIP ROUTING</b>	<b>DUE DATE</b>	
					2000-04-20	
<b>NOTE CODES:</b>	<b>REMARKS: (Internal)</b>	<b>REBILL CODE</b>				
U9 400						
	<b>NOTES: (To Supplier)</b>					

<b>DISTRIBUTION ACCOUNTING</b>	<b>FAC DEPT DIV SECT EXP ORDER NO. MISC</b>	<b>TAX CODE</b>	<b>TAX QUAL</b>	<input type="checkbox"/> <b>MANUAL REVIEW</b>
	N1 J0994 B65 60 -			
	Fac Control Acct Sub Acct Sub Sub Order No. Misc			

<b>ITEM NO.</b>	<b>CATERPILLAR IDENT. NO.</b>	<b>DESCRIPTION</b>	<b>QUANTITY U/M</b>	<b>PRICE</b>	<b>PER</b>
01	(PMF-07702)	ADDING MACHINE TAPES	CTN	66.21	

Signed by: \_\_\_\_\_

[illegible]

REQR NAME  
KIPLINGER

REQR E-MAIL ID

NOTE CODES:  
U9 400

DISTRIBUTION ACCOUNTING

ITEM NO. CATER  
01 PMF-0

Charge To: (If other than Submitter)

Last Name  
Blessin

Fac Code

Employee  
Contractor  
Both

Signed by:

Submit Cancel Charge To Help

ATE  
20  
DE  
300  
299  
VIEW  
294

280

Fig. 13D

REQR NAME  
KIPLINGER

REQR E-MAIL ID  
[ ]

NOTE CODES:  
US 400  
[ ] [ ]

DISTRIBUTION  
ACCOUNTING

ITEM NO. CATER  
01 PMF-0

Signed by: [ ]

Charge To: (If other than Submitter)

Last Name 293  
Blessin

N4	BLESSIN	DAVID	W
JA	BLESSIN	JENNIFER	L
N1	BLESSIN	STEPHEN	W
41	BLESSING	MICHAEL	E

300

Fac Code 297  
[ ]

283  
☒ Employee

Contractor 295  
☐

Both 296  
☐

Search 297

Clear 298

Select 300

Cancel 299

VIEW 294

Submit

Cancel

Charge To 292

Help

Signed by: [ ] 280

Fig. 13E

2005-04-20 01:10:42

The screenshot displays a requisition management interface with the following fields and controls:

- Top Section:**
  - REQR NAME: BLESSIN (284)
  - PHONE EXT: 43401 (302)
  - DELIVER TO LOCATION: (307)
  - BUY FAC: (310)
  - RCV FAC: (312)
  - PO PREFIX: URG (305)
  - DOCK NO: (318)
  - DATE: 2000-04-20 (285)
- Second Section:**
  - REQR E-MAIL ID: (320)
  - DELIVER TO NAME: (322)
  - PH EXT: (324)
  - DEL TO CODE: (328)
  - SHIP ROUTING: (330)
  - DUE DATE: 2000-04-21 (326)
  - REBILL CODE: (326)
- Third Section:**
  - NOTE CODES: (286) with values U9, 400
  - REMARKS: (Internal) (330)
  - NOTES: (To Supplied) (332)
- Fourth Section:**
  - DISTRIBUTION ACCOUNTING: (334)
  - FAC DEPT: NT (336)
  - DIV: 0994 (337)
  - SECT: 855 (338)
  - EXP: 60 (339)
  - ORDER NO.: (304)
  - MISC: (340)
  - TAX CODE: (342)
  - TAX QUAL: (344)
  - MANUAL REVIEW: (346)
  - ITEM NO.: 01 (287)
  - CATERPILLAR/IDENT. NO.: PMF-07702 (288)
  - DESCRIPTION: ADDING MACHINE TAPES (289)
  - QUANTITY: (309)
  - UM: CTN (309)
  - PRICE: 65.21 (290)
  - PER: (291)
- Bottom Section:**
  - Submit button (354)
  - Cancel button (356)
  - Charge To button (292)
  - Help button (358)

Signed by:

Fig. 13F

The screenshot shows a window with a title bar containing standard OS controls. The main content area is divided into several sections. At the top left, there are labels 'BUY FAC' and 'RCV FAC'. To their right, a label '305' points to a dropdown menu currently showing 'UBG'. Below this dropdown is a list of items: 'UBG', 'UBGA', 'UBGC', 'UBGD', 'UBGE', 'UBGF', and 'UBGG'. To the right of this list, there are fields for 'PO PREFIX', 'DOCK NO', and 'DATE'. The 'DATE' field contains '2000-04-24'. Below these fields, there is a section for 'SHIP ROUTING' and 'DUE DATE'. The 'DUE DATE' field contains '2000-04-25'. At the bottom right, there is a 'REBILL CODE' field with a dropdown arrow. A label '316' points to the bottom of the list of items.

BUY FAC	RCV FAC	PO PREFIX	DOCK NO	DATE
		UBG		2000-04-24

Item	SHIP ROUTING	DUE DATE
UBG		2000-04-25
UBGA		
UBGC		
UBGD		
UBGE		
UBGF		
UBGG		

REBILL CODE: [dropdown]

Fig. 13G

334 335 336 337 304 308

DISTRIBUTION	FAC DEPT	DIV	SECT	EXP	ORDER NO.	MISC	TAX CODE	TAX QUAL	<input type="checkbox"/> MANUAL REVIEW
ACCOUNTING	NT	0944	1865	170	1087				
1022	RPR AND MAIN VEHICLES				Order No.	Misc			
1066	RPR TO EQUIPMENT				DESCRIPTION	QUANTITY	UM	PRICE	PER
1068	RPR AND MAIN BUILDINGS				CHINE TAPES		CTN	6621	
1081	SUP-FURN AND OFFICE EQUIP								
1087	SUP-MISCELLANEOUS								
1084	OTHER SPEC ORDERS								

338

Signed by:

Charge To  Help

Fig. 13H

2004-01-18 14:35:07

DISTRIBUTION	FAC	DEPT	DIV	SECT	EXP	ORDER NO.	MISC	TAX CODE	TAX QUAL	<input type="checkbox"/> MANUAL REVIEW	
ACCOUNTING	N1	00944	865	70	1087						
Fac: Control Sub Add S											
ITEM NO.	CATERPILLAR	IDENT. NO.									
01	KPMF-07702										
			BZ	BUSINESS ZONE							
			CR	PURCH CREDIT							
			EZ	ENTERPRISE ZONE							
			ME	MACHINE / EQUIPMENT							
			ME1	MACHINE / EQUIPMENT							
			ME2	MACH AND EQUIP NC							

Submit

348

Help

Signed by:

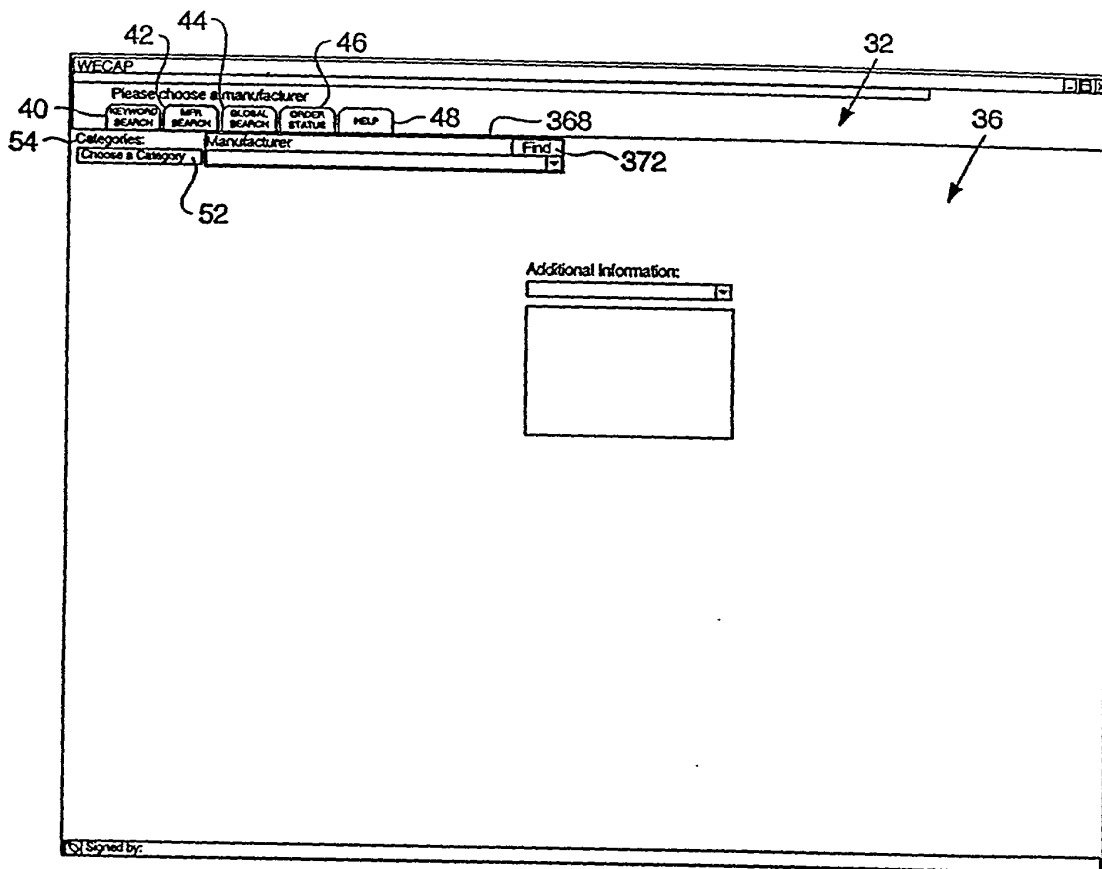
Fig. 13I

Charge To : CARR  
Item ID No. : PMF-07702  
Quantity : 1  
\*\*\* Price EST and does not include tax or shipping\*\*\*  
Price per Unit : 66.21  
Total Estimated Price : 66.21  
Order this item ?  
Yes No Cancel  
Signed by:

360 361 362 364 366



Fig. 14A



106564.0100

Fig. 14B

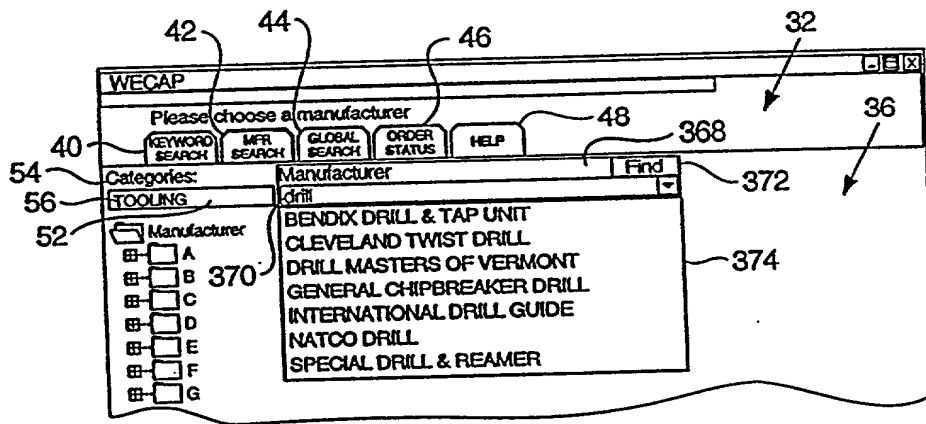




Fig. 14F

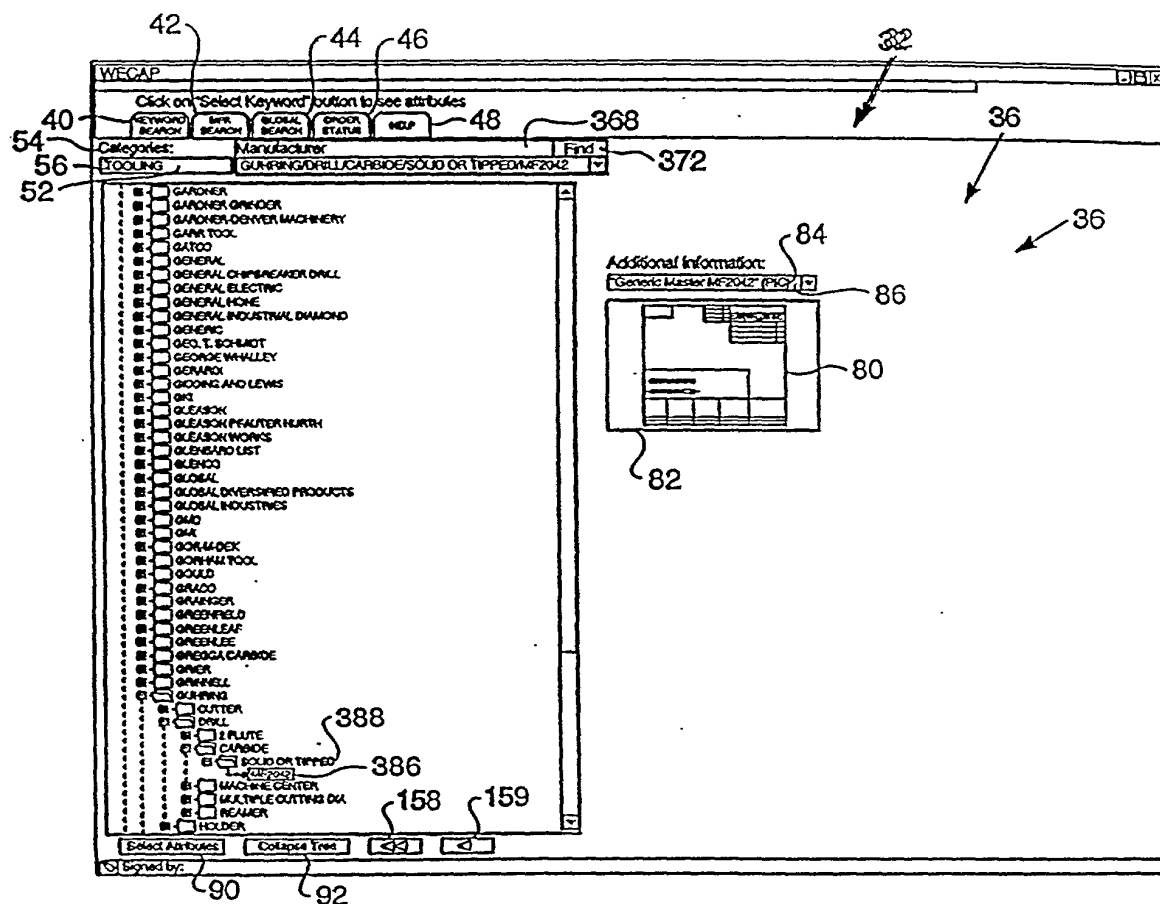


Fig. 14G

WECAP

Results 1-24 of 24

40 168 42 44 46 32

54 56 52 160

48 163 164 165 166 36 167

Categories: Keyword: DRILL/CARBIDE COULD OR TIPPED/AF2042

PART NO.	SHAPE	CUTTING DIA.	OVERALL LENGTH	FLUTE LENGTH	SHANK DIAMETER	SHK REDUCED LGTH	POINT STYLE	POINT
0020420411	1.0000	1.2000	30.0000	13.0000	1.5000			130
0020420417	1.0000	1.7000	43.0000	20.0000	1.2000		2.0000	118
0020420425	1.0000	10.0000	75.0000	38.0000	10.0000		1.0000	118
0020420435	1.0000	11.2000	95.0000	47.0000	11.2000		1.0000	122
0020420435	1.0000	12.8000	102.0000	51.0000	12.8000		1.0000	122
0020420431	1.0000	14.2900	145.0000	95.0000	16.0000		1.0000	142
0020420465	1.0000	3.5000	45.0000	15.0000	3.5000		1.0000	132
0020420007	1.0000	2.8000	46.0000	16.0000	2.8000		1.0000	118
0020420006	1.0000	3.2000	49.0000	18.0000	3.2000		1.0000	118
0020420496	1.0000	3.2400	49.0000	24.0000	3.2400		1.0000	150
0020373812	1.0000	4.5000	60.0000	25.0000	4.5000		1.0000	118
0020420021	1.0000	4.6000	66.0000	24.0000	4.6000		1.0000	118
0020373712	1.0000	4.8000	60.0000	25.0000	4.8000		1.0000	118
0020373852	1.0000	4.9000	60.0000	25.0000	4.9000		1.0000	118
0020373832	1.0000	5.2000	60.0000	25.0000	5.2000		1.0000	118
0020376722	1.0000	6.0000	69.0000	25.0000	6.0000		1.0000	118
0020420405	1.0000	6.9000	77.2000	32.0000	6.0000	37.0000	1.0000	150
0020420142	1.0000	8.2000	79.0000	37.0000	8.2000		1.0000	150
0020420234	1.0000	9.4000	84.0000	40.0000	9.4000		1.0000	150
0020420014	1.0000	9.5000	84.0000	40.0000	9.5000		1.0000	140
0020101802	2.000	20.0000	131.0000	40.0000	20.0000			90
0020373802								
0020377452								
0020378512								

170 172 174 176

Details Attributes Prev 100 Next 100 Reset Modify...

208 212 180 178 196 182

Units: 198 200 202

158 159

Signed by:

Fig. 15A

The figure shows a web browser window with the title bar 'WECAP'. The address bar contains the text 'Enter value(s) and click on "Search"'. Below the address bar is a navigation bar with buttons: 'KEYWORD SEARCH', 'MFR SEARCH', 'GLOBAL SEARCH', 'ORDER STATUS', and 'HELP'. The main content area is divided into two sections. The left section, labeled 'Categories:', contains a list of categories: 'ALL', 'TOOLING', 'MRO', 'MISCELLANEOUS', and 'SIMILAR PARTS'. The right section, labeled 'Free Search', contains a text input field and a 'Free Search' button. Below these are several input fields: 'Part Number', 'MFR Part Number', 'Part Price Start', and 'Part Price Stop'. There are also buttons for 'Search' and 'Clear All', and a 'Signed by:' field at the bottom.

Labels and callouts in the diagram include:

- 40: WECAP title bar
- 42: Enter value(s) and click on "Search" address bar
- 44: KEYWORD SEARCH button
- 46: MFR SEARCH button
- 48: GLOBAL SEARCH button
- 32: ORDER STATUS button
- 36: HELP button
- 54: Categories: label
- 406: ALL category button
- 56: TOOLING category button
- 58: MRO category button
- 59: MISCELLANEOUS category button
- 52: SIMILAR PARTS category button
- 390: Free Search text input field
- 394: Free Search button
- 396: Part Number input field
- 398: MFR Part Number input field
- 400: Part Price Start input field
- 402: Part Price Stop input field
- 404: Search button
- 410: Clear All button
- 158: Left arrow button
- 159: Right arrow button
- 412: Signed by: label

Fig. 15B

WECAP

Enter value(s) and click on "Search"

KEYWORD SEARCH MFR SEARCH GLOBAL SEARCH ORDER STATUS HELP

Categories:

FULL

TOOLING

MRO

INTERNAL

USOP

MISCELLANEOUS

SKULAR PARTS

Free Search

Go!

Data entered in "Free Search" is used to search across all fields. You may also type specific data in the fields below to more accurately describe the desired results and to speed your search.

Part Number

MFR Part Number

Part Price Start

Part Price Stop

Manufacturer

Part Description

Keyword

Search

Clear All

<<

<

Fig. 15C

40 42 44 46 32 36 48

WECAP

Results 1-100 of 398

KEYWORD SEARCH MFR SEARCH GLOBAL SEARCH ORDER STATUS HELP

Categories: Keyword:

PART NO.	RANK (MAX)	CATEGORIES	KEYWORD	DESCRIPTION
0001100232	00000	TOOLING	MF-2379	2.563 DRILL SIZE 0.828 BIT CO. 2.00 OVERALL LENGTH, HSS MATERIAL TYPE, STD MATERIAL GRAD
0001100342	00000	TOOLING	MF-2379	16.20 DRILL SIZE 15.94 BIT CO. 26.7 OVERALL LENGTH, HSS MATERIAL TYPE, STD MATERIAL GRAD APPROV
0001100772	00000	TOOLING	MF-2379	22.50 DRILL SIZE 46.53 BIT CO. 73.7 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100782	00000	TOOLING	MF-2379	16.75 DRILL SIZE 43.82 BIT CO. 73.7 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100802	00000	TOOLING	MF-2379	13.80 DRILL SIZE 41.28 BIT CO. 73.7 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100812	00000	TOOLING	MF-2379	11.00 DRILL SIZE 36.10 BIT CO. 73.7 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100842	00000	TOOLING	MF-2379	16.20 DRILL SIZE 36.10 BIT CO. 72.2 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100872	00000	TOOLING	MF-2379	13.50 DRILL SIZE 36.10 BIT CO. 44.5 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100882	00000	TOOLING	MF-2379	17.50 DRILL SIZE 44.45 BIT CO. 80.8 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100892	00000	TOOLING	MF-2379	11.00 DRILL SIZE 36.10 BIT CO. 44.5 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100902	00000	TOOLING	MF-2379	14.00 DRILL SIZE 36.10 BIT CO. 44.5 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100912	00000	TOOLING	MF-2379	20.50 DRILL SIZE 44.45 BIT CO. 43.5 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100915	00000	TOOLING	MF-2379	17.00 DRILL SIZE 44.45 BIT CO. 80.8 OVERALL LENGTH, HSS MATERIAL TYPE, M-2 MATERIAL GRADREF: DEC
0001100917	00000	TOOLING	MF-2379	11.80 DRILL SIZE 35.98 BIT CO. 29.2 OVERALL LENGTH, HSS MATERIAL TYPE, STD MATERIAL GRAD APPROV
0001100921	00000	TOOLING	MF-2379	13.80 DRILL SIZE 35.98 BIT CO. 41.0 OVERALL LENGTH, HSS MATERIAL TYPE, STD MATERIAL GRAD APPROV
0001100922	00000	TOOLING	MF-2379	17.00 DRILL SIZE 35.40 BIT CO. 67.2 OVERALL LENGTH, HSS MATERIAL TYPE, STD MATERIAL GRAD APPROV
0001100932	00000	TOOLING	MF-2379	BT DRILL 10.0 TO 12.0 MM DRILL RANGE 10 DEG INC. ANGLE 36.00 DIA. BODY 32.00 DIA. S SHK 133.0 DIA
0001100934	00000	TOOLING	MF-2379	14.00 DRILL SIZE 40.00 BIT CO. 00.0 OVERALL LENGTH, TIN MATERIAL TYPE, C-5 MATERIAL GRAD APPROVED
0001100935	00000	TOOLING	MF-2379	16.00 DRILL SIZE 42.00 BIT CO. 00.0 OVERALL LENGTH, TIN MATERIAL TYPE, C-5 MATERIAL GRAD APPROVED
0001100938	00000	TOOLING	MF-2379	16.00 DRILL SIZE 42.00 BIT CO. 00.0 OVERALL LENGTH, TIN MATERIAL TYPE, C-5 MATERIAL GRAD APPROVED
0019234332	00000	TOOLING	MF-2035	SGL SHAPE 0.008 BODY DIAMETER 0.2500 DRILL DIAMETER 0.250 DRILL LENGTH 03.13 OVERALL LENGTH
0019262542	00000	TOOLING	MF-2060	1.6584 CUT DIAMETER 14.86 OVERALL LENGTH 04 SHANK NO. MT SHANK TYPE 0.000 SHANK DIA. HSS MAT
0019324622	00000	TOOLING	MF-2060	0.4219 CUT DIAMETER 07.25 OVERALL LENGTH 00 SHANK NO. SS SHANK TYPE 0.422 SHANK DIA. HSS MAT
0019329735	00000	TOOLING	MF-2060	BROCA #9, MM DIA 16.250 CC 75 CT 136 HASTE R 16.250 CUT DIAMETER 136.0 OVERALL LENGTH, ET ANG
0019706522	00000	TOOLING	MF-2060	0.2607 SMALL DIA. 0.8561 LARGE DIA. 00.50 OVERALL LENGTH 00.47 STEP LENGTH 04.81 FLUTE LENGTH
0019797792	00000	TOOLING	MF-2060	MATERIAL CUTTING DIA. 26.50 SMALL DIA. 0.8250 LARGE DIA. 1.25 IN CAL. MAT. HSS STD
0019807582	00000	TOOLING	MF-2060	26.800 SMALL DIA. 00.525 LARGE DIA. 114.0 OVERALL LENGTH 019.5 STEP LENGTH 014.0 R FLUTE LENGTH
0019811535	00000	TOOLING	MF-2060	26.100 SMALL DIA. 00.000 LARGE DIA. 165.0 OVERALL LENGTH 036.0 STEP LENGTH 079.0 FLUTE LENGTH
0020184372	00000	TOOLING	MF-2065	1 SHAPE 82.500 CUTTING DIA. 14.75 OVERALL LENGTH 10.75 FLUTE LENGTH 80 SHANK NO. VEL G SHANK
0020187024	00000	TOOLING	MF-2065	1 SHAPE 82.000 CUTTING DIA. 128.0 OVERALL LENGTH 095.0 FLUTE LENGTH 80 SHANK NO. ABS SHANK
0020187616	00000	TOOLING	MF-2065	1 SHAPE 031.10 CUTTING DIA. 128.0 OVERALL LENGTH 095.0 FLUTE LENGTH 80 SHANK NO. ABS SHANK
0019234342	00000	TOOLING	MF-2035	SGL SHAPE 1.000 BODY DIAMETER 0.3120 DRILL DIAMETER 0.312 DRILL LENGTH 03.13 OVERALL LENGTH
0019262652	00000	TOOLING	MF-2060	1.5000 CUT DIAMETER 06.42 OVERALL LENGTH 04 SHANK NO. MT SHANK TYPE 0.000 SHANK DIA. HSS MAT
0019324432	00000	TOOLING	MF-2060	0.5372 CUT DIAMETER 06.00 OVERALL LENGTH 00 SHANK NO. SS SHANK TYPE 0.531 SHANK DIA. HSS MAT
0019329736	00000	TOOLING	MF-2060	BROCA #9, MM DIA 16.250 CC 75 CT 136 HASTE R 16.250 CUT DIAMETER 136.0 OVERALL LENGTH, ET ANG

170 172 158 159

Details Attributes Prev 100 Next 100

208 212 180 178

Signed by:



Fig. 15D

WECAP

Enter value(s) and click on "Search"

KEYWORD SEARCH MFR. SEARCH GLOBAL SEARCH ORDER STATUS HELP

Free Search

Categories:

ALL  
 TOOLING  
 MFR  
 MISCELLANEOUS  
 SIMILAR PARTS

Data entered in "Free Search" is used to search across all fields. You may also type specific data in the fields below to more accurately describe the desired results and to speed your search.

Part Number: 0020420411 MFR Part Number: Part Price Start: Part Price Stop:

Fig. 15E

WECAP

Results 1-1 of 1

KEYWORD SEARCH MFR. SEARCH GLOBAL SEARCH ORDER STATUS HELP

Categories:

Keyword:

PART NO.	FRANK MAX	CATEGORIES	KEYWORD	DESCRIPTION
0020420411		TOOLING	MFR2042	SHAPE 001200 CUTTING DIA. 00300 OVER ALL LENGTH 00150 FLUTE LENGTH 001500 SHANK DIAMETER

Details Attributes Prev 100 Next 100

Signed by:

Fig. 15F

32

36

420

WECAP

Results: 1 of 1

Item #: 0020420411  
Category: TOOLING  
Keyword: Drill/Carbide/Solid or Tipped/MF2042

Characteristic	Value
SHAPE	1.0000
CUTTING DIA-A	1.2000
OVER ALL LENGTH-B	30.0000
FLUTE LENGTH-C	13.0000
SHANK DIAMETER-D	1.5000
SHK REDUCED LGH-E	
POINT STYLE	
POINT ANGLE-F	130.0000
MARGIN	1.0000
OIL HOLE	NO
MATERIAL TYPE	TC
MATERIAL GRADE	C-2
PT GRD INC ANG-G	
PT GRIND LGTH-H	
PT GRD PT LGTH-J	.2800
QTY FLUTES	2.0000
SURFACE TREAT	BRIGHT

1 of 1

Details Cancel

Signed by:

Item: 170

View Results: 172

Details Attributes Prev 100 Next 100

208 212 180 178

158 159

1

2

1 SHAPE, 001200 CUTTING DIA, 000000 OVERALL LENGTH, 001300 FLUTE LENGTH, 001500 SHANK DIAMETER

Fig. 15G

422

Item #: 0020420411 424  
Category: TOOLING 420  
Keyword: Drill/Carbide/Solid or Tipped/MF2042 426

Characteristic	Value
SHAPE	1.0000
CUTTING DIA-A	1.2000
OVER ALL LENGTH-B	30.0000
FLUTE LENGTH-C	13.0000
SHANK DIAMETER-D	1.5000
SHK REDUCED LGH-E	
POINT STYLE	
POINT ANGLE-F	130.0000
MARGIN	1.0000
OIL HOLE	NO
MATERIAL TYPE	TC
MATERIAL GRADE	C-2
PT GRD INC ANG-G	
PT GRIND LGTH-H	
PT GRD PT LGTH-J	.2800
QTY FLUTES	2.0000
SURFACE TREAT	BRIGHT

428 430

1 of 1

434 Details Cancel

Signed by: 432 436

Fig. 16A

473 WECAP 42 44 46 48 40

Item number 1 of 14

KEYWORD SEARCH BETA SEARCH GLOBAL SEARCH ORDER STATUS HELP

460 474

Requisition Date From 03/01/2000 To 05/15/2000

476 Legend

478 ☐ Current Location

480 ☐ Approved

482 ☐ Rejected

☐ Pending

☐ FYI

☐ Not Visited

484

462 Requisition Number 1784 - CHAIR, MID-BCK, A

466 Status

468 Details

470

488 Ordered 03-15-2000

484 Tom Carroll 04-04-2000

486 Sent 04-04-2000

464

Fig. 16B

40 42 44 46

WECAP Please select a category to begin

48 KEYWORD SEARCH 460 474

Requisition Date Range From 03/01/2000 To 05/15/2000

476 478 480 482 484

Requisition Number 1784

Status

Order Status 462

Legend

- 464 ☐ Current Location
- ☐ Approved
- ☐ Rejected
- ☐ Pending
- ☐ FYI
- ☐ Not Visited

470

Ordered

Francis 1999-12-20

Blessin 1999-12-20

Thomas 1999-12-20

Bailey 1999-12-20

Allen 1999-12-20

Cassel 1999-12-20

Konopka 1999-12-20

Carroll 1999-12-20

Nieukirk 1999-12-20

Smith 1999-12-20

Sent

Details

signed by:

Fig. 17A

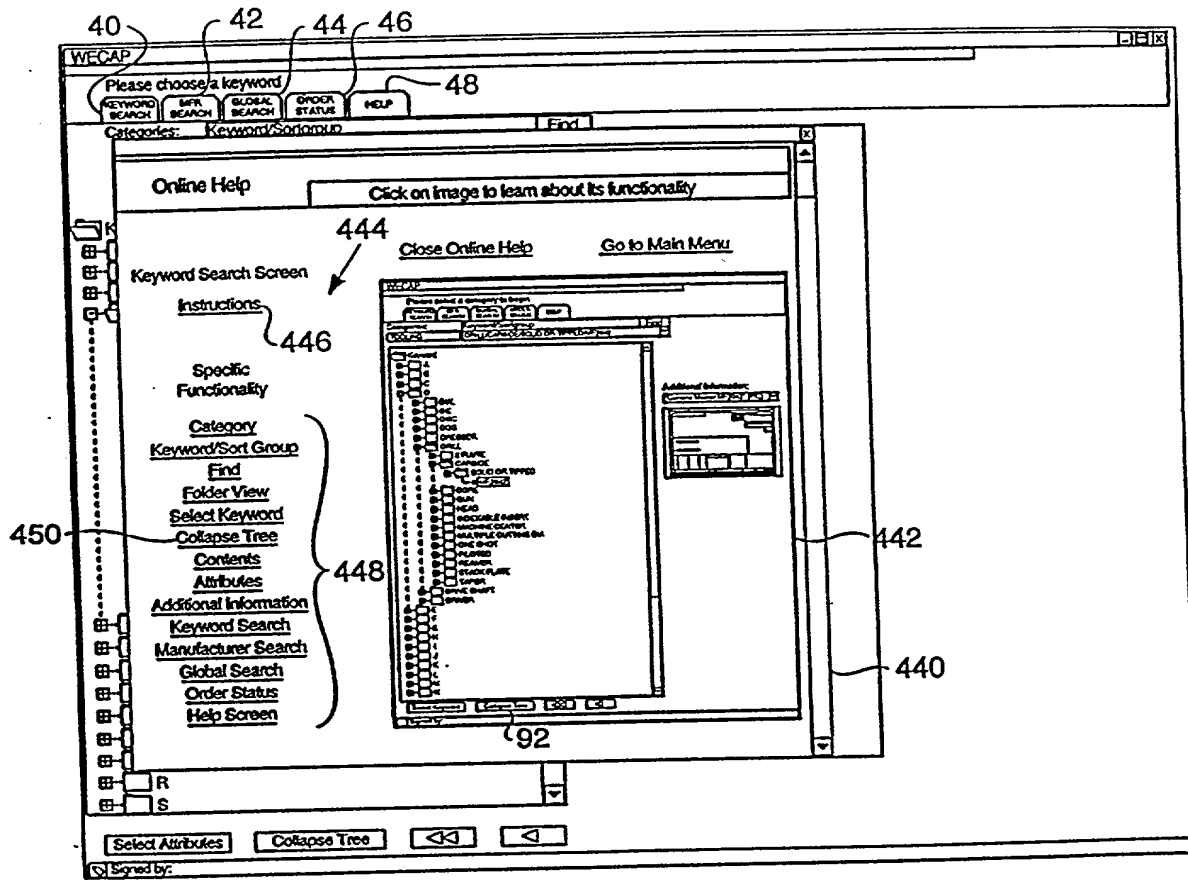
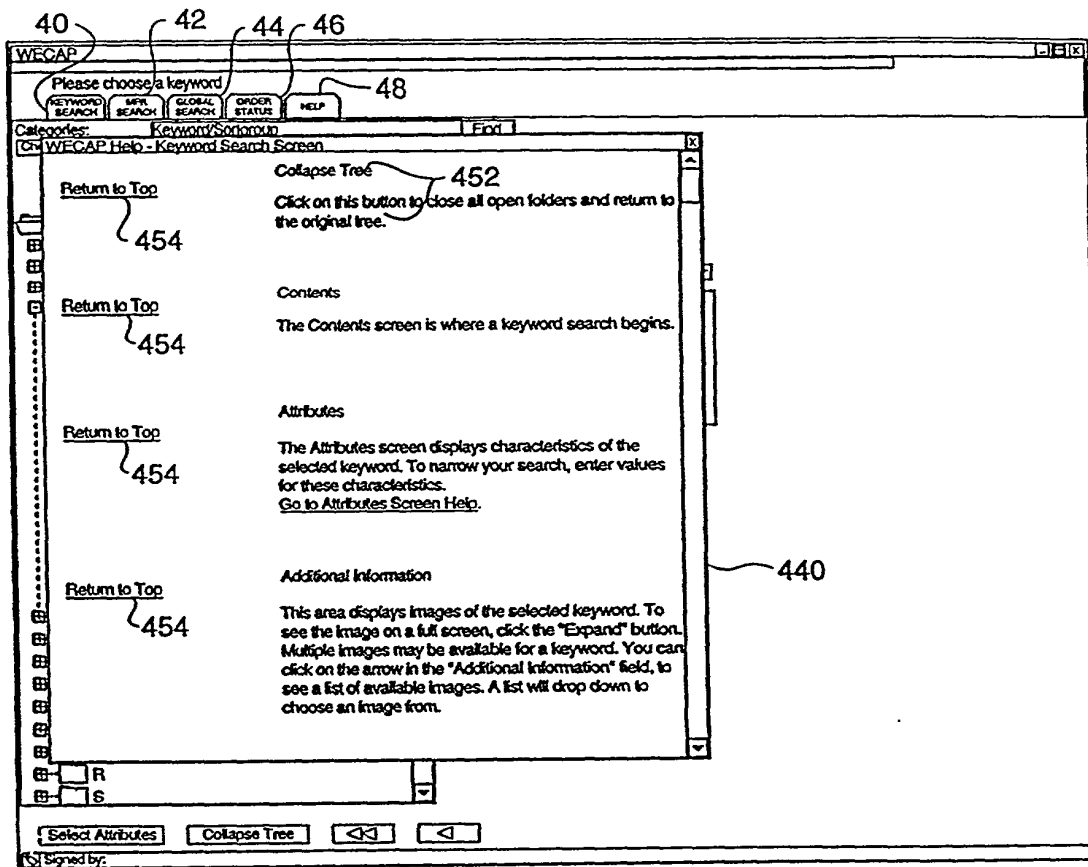


Fig. 17B



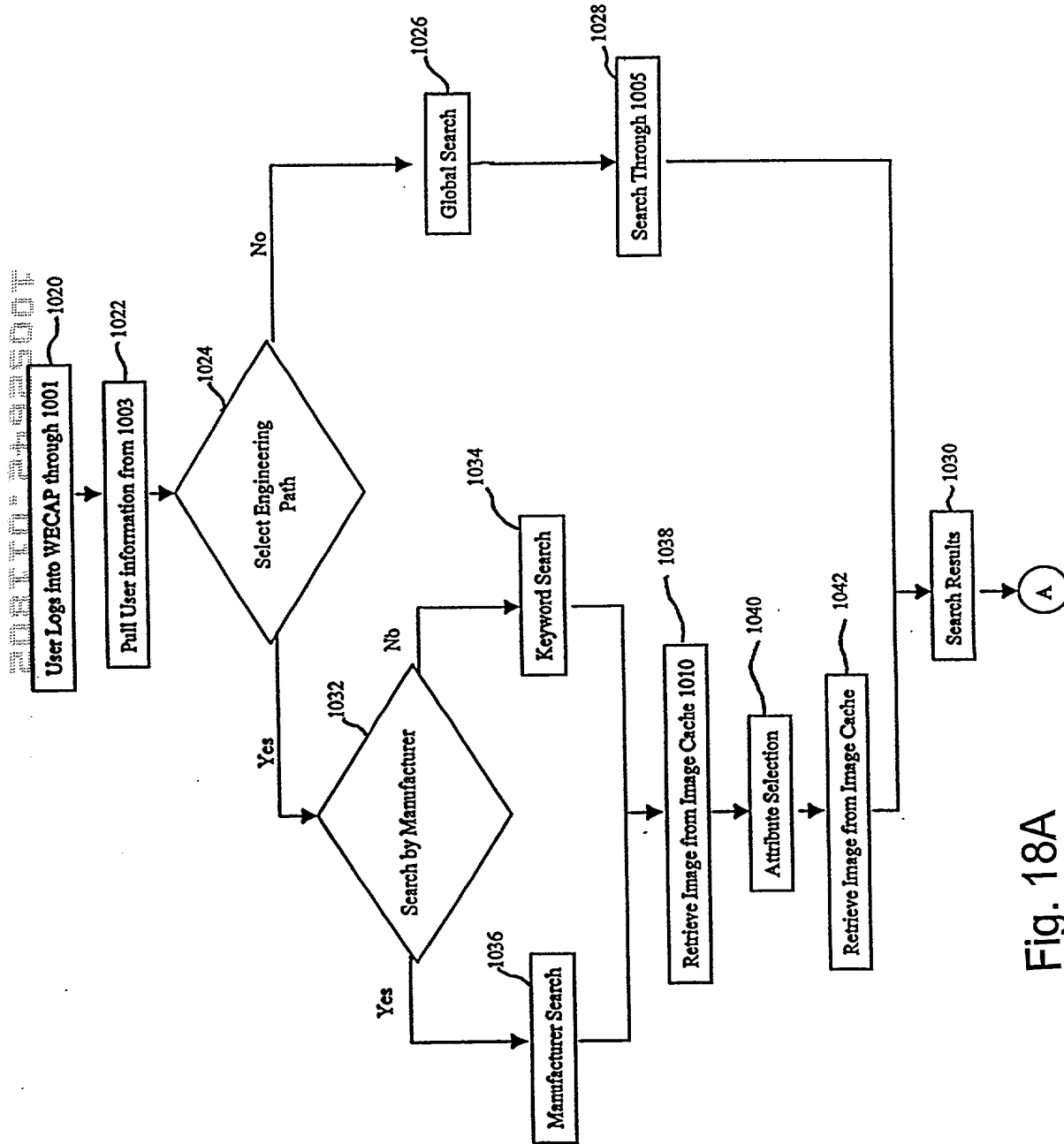


Fig. 18A



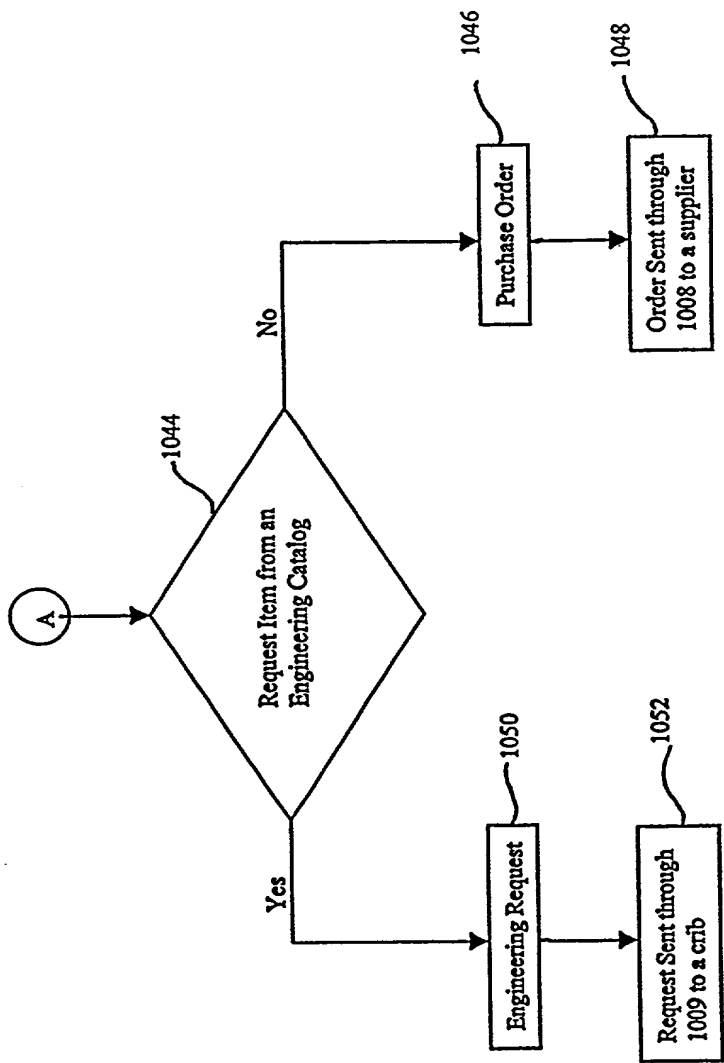


Fig. 18B